



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering					
(1) Preliminary Bid Amount					\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONCRETE REMOVAL (NON-REINFORCED)	50	\$300.00	CY	\$15,000.00	\$278.00	\$13,900.00	\$262.00	\$13,100.00	\$251.00	\$12,550.00	\$270.00	\$13,500.00
2	UNCLASSIFIED EXCAVATION	24	\$300.00	CY	\$7,200.00	\$278.00	\$6,672.00	\$285.00	\$6,840.00	\$362.00	\$8,688.00	\$390.00	\$9,360.00
3	CRUSHED MISCELLANEOUS BASE	24	\$300.00	CY	\$7,200.00	\$144.00	\$3,456.00	\$119.00	\$2,856.00	\$295.00	\$7,080.00	\$320.00	\$7,680.00
4	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	15	\$500.00	CY	\$7,500.00	\$560.00	\$8,400.00	\$262.00	\$3,930.00	\$327.00	\$4,905.00	\$430.00	\$6,450.00
5	AC PAVEMENT(PATCH BACK)	8	\$1,000.00	TON	\$8,000.00	\$853.00	\$6,824.00	\$646.00	\$5,168.00	\$882.00	\$7,056.00	\$950.00	\$7,600.00
6	PCC PAVEMENT	14	\$800.00	CY	\$11,200.00	\$426.00	\$5,964.00	\$659.00	\$9,226.00	\$430.00	\$6,020.00	\$460.00	\$6,440.00
7	PCC CURB & GUTTER, TYPE A2-VAR	286	\$50.00	LF	\$14,300.00	\$27.00	\$7,722.00	\$48.00	\$13,728.00	\$28.00	\$8,008.00	\$30.00	\$8,580.00
8	PCC CURB & GUTTER, TYPE A3-VAR	163	\$50.00	LF	\$8,150.00	\$27.00	\$4,401.00	\$51.00	\$8,313.00	\$28.00	\$4,564.00	\$30.00	\$4,890.00
9	PCC CURB & GUTTER TYPE B-1	20	\$50.00	LF	\$1,000.00	\$27.00	\$540.00	\$63.00	\$1,260.00	\$28.00	\$560.00	\$30.00	\$600.00
10	PCC WALK & CURB RAMPS, 4" THICK	2206	\$20.00	SF	\$44,120.00	\$10.00	\$22,060.00	\$11.00	\$24,266.00	\$10.60	\$23,383.60	\$9.00	\$19,854.00
11	DETECTABLE WARNING SURFACE	298	\$50.00	SF	\$14,900.00	\$54.00	\$16,092.00	\$36.00	\$10,728.00	\$56.00	\$16,688.00	\$60.00	\$17,880.00
12	1-1/2" CONDUIT (SCH 80 PVC)	72	\$60.00	LF	\$4,320.00	\$45.00	\$3,240.00	\$158.00	\$11,376.00	\$29.00	\$2,088.00	\$40.00	\$2,880.00
13	2" CONDUIT (SCH 80 PVC)	1683	\$45.00	LF	\$75,735.00	\$35.00	\$58,905.00	\$54.00	\$90,882.00	\$18.00	\$30,294.00	\$40.00	\$67,320.00
14	3" CONDUIT (SCH 80 PVC)	1907	\$50.00	LF	\$95,350.00	\$40.00	\$76,280.00	\$59.00	\$112,513.00	\$34.00	\$64,838.00	\$50.00	\$95,350.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering				
(1) Preliminary Bid Amount						\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
15	INTERCEPT & JOIN EXISTING CONDUIT	2	\$150.00	EA	\$300.00	\$950.00	\$1,900.00	\$700.00	\$1,400.00	\$49.00	\$98.00	\$500.00	\$1,000.00
16	JOIN AND EXTEND EXISTING CONDUIT	75	\$60.00	LF	\$4,500.00	\$40.00	\$3,000.00	\$93.00	\$6,975.00	\$6.00	\$450.00	\$50.00	\$3,750.00
17	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	1600	\$8.50	LF	\$13,600.00	\$6.93	\$11,088.00	\$10.00	\$16,000.00	\$7.00	\$11,200.00	\$8.20	\$13,120.00
18	2-PAIR DETECTOR LEAD-IN CABLE	14285	\$3.00	LF	\$42,855.00	\$1.40	\$19,999.00	\$1.00	\$14,285.00	\$1.50	\$21,427.50	\$2.10	\$29,998.50
19	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	7813	\$2.00	LF	\$15,626.00	\$1.00	\$7,813.00	\$1.00	\$7,813.00	\$1.20	\$9,375.60	\$1.85	\$14,454.05
20	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1667	\$4.00	LF	\$6,668.00	\$2.00	\$3,334.00	\$1.00	\$1,667.00	\$1.50	\$2,500.50	\$2.00	\$3,334.00
21	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	8487	\$5.00	LF	\$42,435.00	\$3.00	\$25,461.00	\$2.81	\$23,848.47	\$4.00	\$33,948.00	\$3.50	\$29,704.50
22	#6 WIRE	100	\$1.50	LF	\$150.00	\$1.50	\$150.00	\$1.11	\$111.00	\$2.30	\$230.00	\$2.00	\$200.00
23	#10 WIRE (HPSV)	8860	\$1.00	LF	\$8,860.00	\$1.00	\$8,860.00	\$0.72	\$6,379.20	\$0.85	\$7,531.00	\$1.80	\$15,948.00
24	#12 WIRE	5700	\$1.00	LF	\$5,700.00	\$0.80	\$4,560.00	\$0.64	\$3,648.00	\$0.50	\$2,850.00	\$1.65	\$9,405.00
25	NO. 5 PULL BOX INCL PCC COVER	13	\$600.00	EA	\$7,800.00	\$550.00	\$7,150.00	\$816.00	\$10,608.00	\$340.00	\$4,420.00	\$500.00	\$6,500.00
26	NO. 6 PULL BOX INCL PCC COVER	50	\$650.00	EA	\$32,500.00	\$600.00	\$30,000.00	\$1,004.00	\$50,200.00	\$430.00	\$21,500.00	\$500.00	\$25,000.00
27	REMOVE TYPE M CABINET (COMPLETE)	2	\$400.00	EA	\$800.00	\$280.00	\$560.00	\$588.00	\$1,176.00	\$550.00	\$1,100.00	\$250.00	\$500.00
28	REMOVE TYPE M CABINET FOUNDATION	1	\$500.00	EA	\$500.00	\$300.00	\$300.00	\$1,139.00	\$1,139.00	\$466.00	\$466.00	\$500.00	\$500.00
29	REMOVE PED PUSH BUTTON POST (COMPLETE)	11	\$400.00	EA	\$4,400.00	\$275.00	\$3,025.00	\$77.00	\$847.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00
30	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	5	\$500.00	EA	\$2,500.00	\$150.00	\$750.00	\$167.00	\$835.00	\$560.00	\$2,800.00	\$350.00	\$1,750.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering				
(1) Preliminary Bid Amount						\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
31	REMOVE TYPE 1-A STANDARD (COMPLETE) (EXCL FOUND)	4	\$500.00	EA	\$2,000.00	\$150.00	\$600.00	\$167.00	\$668.00	\$560.00	\$2,240.00	\$250.00	\$1,000.00
32	REMOVE TYPE 1-C STANDARD (COMPLETE) (EXCL FOUND)	1	\$500.00	EA	\$500.00	\$150.00	\$150.00	\$167.00	\$167.00	\$560.00	\$560.00	\$500.00	\$500.00
33	REMOVE TYPE 3 STANDARD (COMPLETE) (EXCL. FOUND.)	11	\$800.00	EA	\$8,800.00	\$300.00	\$3,300.00	\$175.00	\$1,925.00	\$1,025.00	\$11,275.00	\$350.00	\$3,850.00
34	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$600.00	EA	\$600.00	\$600.00	\$600.00	\$175.00	\$175.00	\$775.00	\$775.00	\$500.00	\$500.00
35	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$800.00	EA	\$3,200.00	\$800.00	\$3,200.00	\$301.00	\$1,204.00	\$964.00	\$3,856.00	\$600.00	\$2,400.00
36	REMOVE TYPE 24 STANDARD (COMPLETE) (EXCL. FOUND.)	5	\$1,200.00	EA	\$6,000.00	\$900.00	\$4,500.00	\$386.00	\$1,930.00	\$1,160.00	\$5,800.00	\$1,000.00	\$5,000.00
37	REMOVE PPB POST FOUNDATION	12	\$600.00	EA	\$7,200.00	\$600.00	\$7,200.00	\$528.00	\$6,336.00	\$280.00	\$3,360.00	\$300.00	\$3,600.00
38	REMOVE TYPE 1 FOUNDATION	5	\$800.00	EA	\$4,000.00	\$600.00	\$3,000.00	\$685.00	\$3,425.00	\$198.00	\$990.00	\$800.00	\$4,000.00
39	REMOVE TYPE 1-A FOUNDATION	4	\$775.00	EA	\$3,100.00	\$600.00	\$2,400.00	\$685.00	\$2,740.00	\$298.00	\$1,192.00	\$800.00	\$3,200.00
40	REMOVE TYPE 1-C FOUNDATION	1	\$800.00	EA	\$800.00	\$600.00	\$600.00	\$685.00	\$685.00	\$298.00	\$298.00	\$800.00	\$800.00
41	REMOVE TYPE 3 FOUNDATION	11	\$1,000.00	EA	\$11,000.00	\$750.00	\$8,250.00	\$685.00	\$7,535.00	\$633.00	\$6,963.00	\$800.00	\$8,800.00
42	REMOVE TYPE 15 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$1,000.00	\$1,000.00	\$699.00	\$699.00	\$317.00	\$317.00	\$1,000.00	\$1,000.00
43	REMOVE TYPE 17 FOUNDATION	4	\$1,000.00	EA	\$4,000.00	\$1,200.00	\$4,800.00	\$920.00	\$3,680.00	\$633.00	\$2,532.00	\$1,200.00	\$4,800.00
44	REMOVE TYPE 24 FOUNDATION	5	\$1,200.00	EA	\$6,000.00	\$1,500.00	\$7,500.00	\$1,067.00	\$5,335.00	\$765.00	\$3,825.00	\$1,500.00	\$7,500.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering				
(1) Preliminary Bid Amount						\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
45	REMOVE STREET LIGHT POLE AND FOUNDATION	2	\$3,000.00	EA	\$6,000.00	\$2,000.00	\$4,000.00	\$923.00	\$1,846.00	\$579.00	\$1,158.00	\$800.00	\$1,600.00
46	REMOVE VEHICLE HEAD (COMPLETE)	17	\$150.00	EA	\$2,550.00	\$200.00	\$3,400.00	\$73.00	\$1,241.00	\$216.00	\$3,672.00	\$100.00	\$1,700.00
47	REMOVE PEDESTRIAN HEAD (COMPLETE)	25	\$150.00	EA	\$3,750.00	\$200.00	\$5,000.00	\$73.00	\$1,825.00	\$65.00	\$1,625.00	\$75.00	\$1,875.00
48	REMOVE PEDESTRIAN PUSH BUTTON	19	\$60.00	EA	\$1,140.00	\$200.00	\$3,800.00	\$73.00	\$1,387.00	\$193.00	\$3,667.00	\$60.00	\$1,140.00
49	REMOVE PED PUSH BUTTON AND PLUG HOLE	2	\$250.00	EA	\$500.00	\$200.00	\$400.00	\$73.00	\$146.00	\$390.00	\$780.00	\$100.00	\$200.00
50	REMOVE RADIO CORRECTED TIME BASE UNIT	1	\$500.00	EA	\$500.00	\$200.00	\$200.00	\$281.00	\$281.00	\$153.00	\$153.00	\$100.00	\$100.00
51	REMOVE RCTB ANTENNA AND CABLE	2	\$350.00	EA	\$700.00	\$200.00	\$400.00	\$416.00	\$832.00	\$66.00	\$132.00	\$250.00	\$500.00
52	REMOVE INTERNAL ILLUMINATED STREET NAME SIGN	2	\$250.00	EA	\$500.00	\$200.00	\$400.00	\$173.00	\$346.00	\$131.00	\$262.00	\$500.00	\$1,000.00
53	REMOVE STREET LIGHT FROM EXISTING POWER POLE	2	\$800.00	EA	\$1,600.00	\$1,000.00	\$2,000.00	\$87.00	\$174.00	\$262.00	\$524.00	\$250.00	\$500.00
54	REMOVE WIRING	1	\$5,600.00	LS	\$5,600.00	\$6,000.00	\$6,000.00	\$1,893.00	\$1,893.00	\$16,778.00	\$16,778.00	\$8,500.00	\$8,500.00
55	RELOCATE CONTROLLER	2	\$1,100.00	EA	\$2,200.00	\$300.00	\$600.00	\$1,465.00	\$2,930.00	\$2,194.00	\$4,388.00	\$1,500.00	\$3,000.00
56	RELOCATE BBS TO NEW CABINET	1	\$1,000.00	EA	\$1,000.00	\$700.00	\$700.00	\$1,127.00	\$1,127.00	\$1,448.00	\$1,448.00	\$800.00	\$800.00
57	RELOCATE VIDEO DETECTION SYSTEM TO NEW CABINET	1	\$5,000.00	EA	\$5,000.00	\$1,500.00	\$1,500.00	\$689.00	\$689.00	\$1,018.00	\$1,018.00	\$3,500.00	\$3,500.00
58	RELOCATE ETHERWAN COMM SYSTEM	1	\$3,000.00	EA	\$3,000.00	\$400.00	\$400.00	\$194.00	\$194.00	\$1,675.00	\$1,675.00	\$2,500.00	\$2,500.00
59	RELOCATE PEDESTRIAN PUSH BUTTON POST	1	\$500.00	EA	\$500.00	\$625.00	\$625.00	\$155.00	\$155.00	\$578.00	\$578.00	\$1,000.00	\$1,000.00
60	RELOCATE ILLUMINATED STREET NAME SIGN	3	\$650.00	EA	\$1,950.00	\$320.00	\$960.00	\$657.00	\$1,971.00	\$804.00	\$2,412.00	\$800.00	\$2,400.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering				
(1) Preliminary Bid Amount						\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
61	RELOCATE EV PREEMPTION UNIT	6	\$900.00	EA	\$5,400.00	\$400.00	\$2,400.00	\$795.00	\$4,770.00	\$677.00	\$4,062.00	\$700.00	\$4,200.00
62	RELOCATE LUMINAIRE	7	\$300.00	EA	\$2,100.00	\$220.00	\$1,540.00	\$139.00	\$973.00	\$328.00	\$2,296.00	\$300.00	\$2,100.00
63	RELOCATE SPRINKLER SYSTEM	1	\$1,000.00	LS	\$1,000.00	\$7,000.00	\$7,000.00	\$2,829.00	\$2,829.00	\$4,153.00	\$4,153.00	\$10,000.00	\$10,000.00
64	GPS UTB UNIT AND ANTENNA	3	\$1,600.00	EA	\$4,800.00	\$1,500.00	\$4,500.00	\$1,682.00	\$5,046.00	\$1,975.00	\$5,925.00	\$1,300.00	\$3,900.00
65	SWITCH PACK	46	\$65.00	EA	\$2,990.00	\$40.00	\$1,840.00	\$25.00	\$1,150.00	\$24.00	\$1,104.00	\$30.00	\$1,380.00
66	PED ISOLATION MODULE	3	\$200.00	EA	\$600.00	\$60.00	\$180.00	\$40.00	\$120.00	\$34.00	\$102.00	\$50.00	\$150.00
67	2-CHANNEL ILD SENSOR UNIT	9	\$225.00	EA	\$2,025.00	\$110.00	\$990.00	\$77.00	\$693.00	\$77.00	\$693.00	\$100.00	\$900.00
68	REWIRE CONTROLLER CABINET	1	\$1,000.00	EA	\$1,000.00	\$1,500.00	\$1,500.00	\$844.00	\$844.00	\$1,075.00	\$1,075.00	\$2,000.00	\$2,000.00
69	TYPE P CABINET	2	\$20,000.00	EA	\$40,000.00	\$22,000.00	\$44,000.00	\$23,095.00	\$46,190.00	\$21,279.00	\$42,558.00	\$21,500.00	\$43,000.00
70	TYPE P CABINET FOUNDATION	1	\$900.00	EA	\$900.00	\$1,200.00	\$1,200.00	\$1,550.00	\$1,550.00	\$1,217.00	\$1,217.00	\$1,500.00	\$1,500.00
71	INSTALL TYPE P CABINET ANCHOR BOLT ON EXISTING FOUNDATION	4	\$125.00	EA	\$500.00	\$400.00	\$1,600.00	\$252.00	\$1,008.00	\$20,823.00	\$83,292.00	\$500.00	\$2,000.00
72	PEDESTRIAN PUSH BUTTON POST	3	\$400.00	EA	\$1,200.00	\$370.00	\$1,110.00	\$239.00	\$717.00	\$894.00	\$2,682.00	\$275.00	\$825.00
73	TYPE 1 STANDARD	4	\$1,000.00	EA	\$4,000.00	\$800.00	\$3,200.00	\$650.00	\$2,600.00	\$1,161.00	\$4,644.00	\$600.00	\$2,400.00
74	TYPE 15 STANDARD	11	\$2,600.00	EA	\$28,600.00	\$2,000.00	\$22,000.00	\$1,814.00	\$19,954.00	\$1,983.00	\$21,813.00	\$1,875.00	\$20,625.00
75	TYPE 15 STANDARD MODIFIED	2	\$3,000.00	EA	\$6,000.00	\$3,400.00	\$6,800.00	\$3,472.00	\$6,944.00	\$2,963.00	\$5,926.00	\$3,500.00	\$7,000.00
76	TYPE 16 STANDARD	1	\$3,200.00	EA	\$3,200.00	\$3,000.00	\$3,000.00	\$2,869.00	\$2,869.00	\$4,125.00	\$4,125.00	\$3,000.00	\$3,000.00
77	TYPE 19 STANDARD	3	\$3,500.00	EA	\$10,500.00	\$5,751.00	\$17,253.00	\$6,065.00	\$18,195.00	\$5,680.00	\$17,040.00	\$6,200.00	\$18,600.00
78	TYPE 24 STANDARD	3	\$4,500.00	EA	\$13,500.00	\$6,325.00	\$18,975.00	\$7,114.00	\$21,342.00	\$5,680.00	\$17,040.00	\$7,700.00	\$23,100.00
79	TYPE 24 STANDARD MODIFIED	2	\$4,500.00	EA	\$9,000.00	\$9,423.00	\$18,846.00	\$7,217.00	\$14,434.00	\$7,248.00	\$14,496.00	\$7,900.00	\$15,800.00
80	TYPE 26 STANDARD	3	\$5,500.00	EA	\$16,500.00	\$6,500.00	\$19,500.00	\$7,082.00	\$21,246.00	\$7,224.00	\$21,672.00	\$7,800.00	\$23,400.00
81	TYPE 26 STANDARD MODIFIED	4	\$5,500.00	EA	\$22,000.00	\$6,600.00	\$26,400.00	\$6,852.00	\$27,408.00	\$8,207.00	\$32,828.00	\$7,700.00	\$30,800.00
82	TYPE 27 STANDARD	1	\$5,000.00	EA	\$5,000.00	\$6,700.00	\$6,700.00	\$6,007.00	\$6,007.00	\$5,016.00	\$5,016.00	\$6,700.00	\$6,700.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) Select Electric, Inc.		(3) Steiny and Company, Inc.		(4) California Professional Electrical Engineering	
(1) Preliminary Bid Amount						\$1,317,835.00		\$1,458,927.42		\$1,466,619.70		\$1,477,008.80	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
83	TYPE 29 STANDARD	5	\$7,000.00	EA	\$35,000.00	\$6,800.00	\$34,000.00	\$7,530.00	\$37,650.00	\$7,467.00	\$37,335.00	\$8,300.00	\$41,500.00
84	TEMPORARY SIGNAL POLE WITHOUT MAST ARM	5	\$1,500.00	EA	\$7,500.00	\$1,500.00	\$7,500.00	\$3,613.00	\$18,065.00	\$5,099.00	\$25,495.00	\$2,000.00	\$10,000.00
85	TEMPORARY SIGNAL POLE WITH MAST ARM	17	\$2,500.00	EA	\$42,500.00	\$2,500.00	\$42,500.00	\$4,099.00	\$69,683.00	\$5,729.00	\$97,393.00	\$2,000.00	\$34,000.00
86	PEDESTRIAN PUSH BUTTON POST FOUNDATION	4	\$550.00	EA	\$2,200.00	\$1,000.00	\$4,000.00	\$766.00	\$3,064.00	\$316.00	\$1,264.00	\$500.00	\$2,000.00
87	TYPE 1 STANDARD FOUNDATION	4	\$800.00	EA	\$3,200.00	\$720.00	\$2,880.00	\$1,636.00	\$6,544.00	\$560.00	\$2,240.00	\$1,000.00	\$4,000.00
88	EXPANSION ANCHOR BOLT FOR TYPE I STANDARD	1	\$250.00	EA	\$250.00	\$700.00	\$700.00	\$638.00	\$638.00	\$480.00	\$480.00	\$800.00	\$800.00
89	TYPE 15 STANDARD FOUNDATION	13	\$1,000.00	EA	\$13,000.00	\$1,870.00	\$24,310.00	\$2,412.00	\$31,356.00	\$1,218.00	\$15,834.00	\$2,200.00	\$28,600.00
90	TYPE 16 STANDARD FOUNDATION	1	\$2,500.00	EA	\$2,500.00	\$1,851.00	\$1,851.00	\$2,965.00	\$2,965.00	\$2,594.00	\$2,594.00	\$2,300.00	\$2,300.00
91	TYPE 19 STANDARD FOUNDATION	3	\$2,700.00	EA	\$8,100.00	\$3,100.00	\$9,300.00	\$3,877.00	\$11,631.00	\$3,356.00	\$10,068.00	\$3,200.00	\$9,600.00
92	TYPE 24 STANDARD FOUNDATION	5	\$3,000.00	EA	\$15,000.00	\$3,780.00	\$18,900.00	\$3,877.00	\$19,385.00	\$3,618.00	\$18,090.00	\$3,800.00	\$19,000.00
93	TYPE 26 STANDARD FOUNDATION	7	\$3,500.00	EA	\$24,500.00	\$4,734.00	\$33,138.00	\$5,159.00	\$36,113.00	\$4,605.00	\$32,235.00	\$4,400.00	\$30,800.00
94	TYPE 27 STANDARD FOUNDATION	1	\$3,500.00	EA	\$3,500.00	\$4,734.00	\$4,734.00	\$5,159.00	\$5,159.00	\$4,343.00	\$4,343.00	\$4,200.00	\$4,200.00
95	TYPE 29 STANDARD FOUNDATION	5	\$4,000.00	EA	\$20,000.00	\$4,734.00	\$23,670.00	\$5,159.00	\$25,795.00	\$5,643.00	\$28,215.00	\$5,000.00	\$25,000.00
96	8' SIGNAL MAST ARM	2	\$1,000.00	EA	\$2,000.00	\$1,308.00	\$2,616.00	\$1,014.00	\$2,028.00	\$1,571.00	\$3,142.00	\$1,100.00	\$2,200.00
97	15' SIGNAL MAST ARM	1	\$1,300.00	EA	\$1,300.00	\$1,600.00	\$1,600.00	\$1,373.00	\$1,373.00	\$1,571.00	\$1,571.00	\$1,600.00	\$1,600.00
98	25' SIGNAL MAST ARM	2	\$2,000.00	EA	\$4,000.00	\$2,024.00	\$4,048.00	\$1,915.00	\$3,830.00	\$2,225.00	\$4,450.00	\$2,300.00	\$4,600.00
99	30' SIGNAL MAST ARM	1	\$2,075.00	EA	\$2,075.00	\$2,262.00	\$2,262.00	\$2,164.00	\$2,164.00	\$4,362.00	\$4,362.00	\$2,500.00	\$2,500.00
100	30' SIGNAL MAST ARM MODIFIED	6	\$2,500.00	EA	\$15,000.00	\$2,348.00	\$14,088.00	\$2,366.00	\$14,196.00	\$2,442.00	\$14,652.00	\$2,500.00	\$15,000.00
101	35' SIGNAL MAST ARM	2	\$2,100.00	EA	\$4,200.00	\$2,379.00	\$4,758.00	\$2,399.00	\$4,798.00	\$2,924.00	\$5,848.00	\$2,800.00	\$5,600.00
102	35' SIGNAL MAST ARM MODIFIED	4	\$2,500.00	EA	\$10,000.00	\$2,423.00	\$9,692.00	\$2,445.00	\$9,780.00	\$3,087.00	\$12,348.00	\$3,000.00	\$12,000.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering				
(1) Preliminary Bid Amount						\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
103	40' SIGNAL MAST ARM	1	\$3,000.00	EA	\$3,000.00	\$2,442.00	\$2,442.00	\$2,466.00	\$2,466.00	\$2,986.00	\$2,986.00	\$3,100.00	\$3,100.00
104	45' SIGNAL MAST ARM MODIFIED	5	\$3,200.00	EA	\$16,000.00	\$2,706.00	\$13,530.00	\$2,807.00	\$14,035.00	\$3,884.00	\$19,420.00	\$3,500.00	\$17,500.00
105	8' LUMINAIRE MAST ARM	5	\$450.00	EA	\$2,250.00	\$367.00	\$1,835.00	\$261.00	\$1,305.00	\$645.00	\$3,225.00	\$300.00	\$1,500.00
106	8' LUMINAIRE MAST ARM - STRAIGHT	1	\$500.00	EA	\$500.00	\$357.00	\$357.00	\$251.00	\$251.00	\$645.00	\$645.00	\$250.00	\$250.00
107	12' LUMINAIRE MAST ARM	20	\$600.00	EA	\$12,000.00	\$536.00	\$10,720.00	\$421.00	\$8,420.00	\$645.00	\$12,900.00	\$525.00	\$10,500.00
108	12' LUMINAIRE MAST ARM - STRAIGHT	9	\$600.00	EA	\$5,400.00	\$467.00	\$4,203.00	\$367.00	\$3,303.00	\$645.00	\$5,805.00	\$500.00	\$4,500.00
109	PEDESTRIAN PUSH BUTTON	62	\$175.00	EA	\$10,850.00	\$170.00	\$10,540.00	\$243.00	\$15,066.00	\$212.00	\$13,144.00	\$100.00	\$6,200.00
110	PEDESTRIAN PUSH BUTTON PLATE	53	\$25.00	EA	\$1,325.00	\$50.00	\$2,650.00	\$22.00	\$1,166.00	\$54.00	\$2,862.00	\$25.00	\$1,325.00
111	ILLUMINATED STREET NAME SIGN	11	\$1,000.00	EA	\$11,000.00	\$2,168.00	\$23,848.00	\$2,380.00	\$26,180.00	\$2,331.00	\$25,641.00	\$2,250.00	\$24,750.00
112	DOUBLE FACE RETROREFLECTIVE STREET NAME SIGN	13	\$850.00	EA	\$11,050.00	\$974.00	\$12,662.00	\$1,047.00	\$13,611.00	\$1,275.00	\$16,575.00	\$1,300.00	\$16,900.00
113	3-12" LED VEHICLE HEAD (COMPLETE)	92	\$950.00	EA	\$87,400.00	\$625.00	\$57,500.00	\$693.00	\$63,756.00	\$750.00	\$69,000.00	\$745.00	\$68,540.00
114	4-12" LED VEHICLE HEAD (COMPLETE)	4	\$1,100.00	EA	\$4,400.00	\$735.00	\$2,940.00	\$810.00	\$3,240.00	\$902.00	\$3,608.00	\$850.00	\$3,400.00
115	5-12" LED VEHICLE HEAD (COMPLETE)	15	\$1,200.00	EA	\$18,000.00	\$840.00	\$12,600.00	\$920.00	\$13,800.00	\$1,009.00	\$15,135.00	\$1,000.00	\$15,000.00
116	LED COUNTDOWN PED HEAD (COMPLETE)	58	\$800.00	EA	\$46,400.00	\$510.00	\$29,580.00	\$497.00	\$28,826.00	\$661.00	\$38,338.00	\$630.00	\$36,540.00
117	63W LED LUMINAIRE	6	\$350.00	EA	\$2,100.00	\$697.00	\$4,182.00	\$750.00	\$4,500.00	\$819.00	\$4,914.00	\$665.00	\$3,990.00
118	85W INDUCTION LUMINAIRE	1	\$700.00	EA	\$700.00	\$1,167.00	\$1,167.00	\$1,244.00	\$1,244.00	\$1,110.00	\$1,110.00	\$1,170.00	\$1,170.00
119	131W LED LUMINAIRE	21	\$400.00	EA	\$8,400.00	\$794.00	\$16,674.00	\$851.00	\$17,871.00	\$820.00	\$17,220.00	\$800.00	\$16,800.00
120	2-CAMERA VIDEO DETECTION SYSTEM WITH 17" LCD MONITOR (COMPLETE)	2	\$30,000.00	EA	\$60,000.00	\$22,000.00	\$44,000.00	\$20,705.00	\$41,410.00	\$20,547.00	\$41,094.00	\$21,000.00	\$42,000.00
121	4-CAMERA VIDEO DETECTION SYSTEM WITH	3	\$35,000.00	EA	\$105,000.00	\$35,500.00	\$106,500.00	\$33,397.00	\$100,191.00	\$34,700.00	\$104,100.00	\$35,000.00	\$105,000.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering				
(1) Preliminary Bid Amount						\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
	17" LCD MONITOR (COMPLETE)												
122	PLATE HOLE TO SMOOTH FINISH	20	\$250.00	EA	\$5,000.00	\$120.00	\$2,400.00	\$131.00	\$2,620.00	\$284.00	\$5,680.00	\$200.00	\$4,000.00
123	REMOVE PULL BOX	15	\$500.00	EA	\$7,500.00	\$200.00	\$3,000.00	\$176.00	\$2,640.00	\$140.00	\$2,100.00	\$300.00	\$4,500.00
124	SHIELD HIGH VOLTAGE WIRE FOR REMOVAL OF EXISTING POLE	8	\$6,000.00	EA	\$48,000.00	\$3,000.00	\$24,000.00	\$4,375.00	\$35,000.00	\$1,150.00	\$9,200.00	\$7,000.00	\$56,000.00
125	SALVAGE EQUIPMENT	1	\$9,000.00	LS	\$9,000.00	\$11,000.00	\$11,000.00	\$2,453.00	\$2,453.00	\$13,006.00	\$13,006.00	\$28,000.00	\$28,000.00
126	DETAIL 22 (THERMOPLASTIC)	232	\$8.00	LF	\$1,856.00	\$3.00	\$696.00	\$3.00	\$696.00	\$4.00	\$928.00	\$5.00	\$1,160.00
127	DETAIL 38 (THERMOPLASTIC)	120	\$10.00	LF	\$1,200.00	\$3.00	\$360.00	\$3.00	\$360.00	\$3.00	\$360.00	\$5.00	\$600.00
128	4" STRIPING (THERMOPLASTIC)	20	\$8.00	LF	\$160.00	\$2.00	\$40.00	\$6.00	\$120.00	\$8.00	\$160.00	\$10.00	\$200.00
129	12" STRIPING (TWO-COAT PAINT)	52	\$3.50	LF	\$182.00	\$3.50	\$182.00	\$6.00	\$312.00	\$8.00	\$416.00	\$10.00	\$520.00
130	12" STRIPING (THERMOPLASTIC)	1037	\$10.00	LF	\$10,370.00	\$4.00	\$4,148.00	\$4.00	\$4,148.00	\$4.00	\$4,148.00	\$5.20	\$5,392.40
131	CURB MARKINGS (ONE-COAT PAINT)	265	\$3.00	LF	\$795.00	\$5.00	\$1,325.00	\$4.00	\$1,060.00	\$3.00	\$795.00	\$4.45	\$1,179.25
132	REMOVE DETAIL 38A	5	\$10.00	LF	\$50.00	\$16.00	\$80.00	\$13.00	\$65.00	\$3.50	\$17.50	\$4.22	\$21.10
133	REMOVE DETAIL 38 (PAINT)	5	\$10.00	LF	\$50.00	\$16.00	\$80.00	\$13.00	\$65.00	\$3.50	\$17.50	\$5.00	\$25.00
134	REMOVE 4" STRIPING (PAINT)	10	\$10.00	LF	\$100.00	\$16.00	\$160.00	\$13.00	\$130.00	\$3.50	\$35.00	\$5.00	\$50.00
135	REMOVE 12" STRIPING (PAINT)	195	\$6.00	LF	\$1,170.00	\$7.00	\$1,365.00	\$6.00	\$1,170.00	\$3.50	\$682.50	\$5.00	\$975.00
136	REMOVE DETAIL 22 (THERMOPLASTIC)	160	\$10.00	LF	\$1,600.00	\$3.50	\$560.00	\$4.00	\$640.00	\$3.50	\$560.00	\$5.00	\$800.00
137	REMOVE 12" STRIPING (THERMOPLASTIC)	660	\$6.00	LF	\$3,960.00	\$7.00	\$4,620.00	\$3.00	\$1,980.00	\$3.50	\$2,310.00	\$5.00	\$3,300.00
138	SIGN PANEL	24	\$150.00	EA	\$3,600.00	\$96.00	\$2,304.00	\$171.00	\$4,104.00	\$95.00	\$2,280.00	\$90.00	\$2,160.00
139	SIGN POST (ROADSIDE SIGN)	8	\$250.00	EA	\$2,000.00	\$122.00	\$976.00	\$303.00	\$2,424.00	\$168.00	\$1,344.00	\$150.00	\$1,200.00

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) Select Electric, Inc.	(3) Steiny and Company, Inc.	(4) California Professional Electrical Engineering					
(1) Preliminary Bid Amount					\$1,317,835.00	\$1,458,927.42	\$1,466,619.70	\$1,477,008.80					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
140	INSTALL SIGN (STRAP AND SADDLE BRACKET)	15	\$150.00	EA	\$2,250.00	\$85.00	\$1,275.00	\$448.00	\$6,720.00	\$50.00	\$750.00	\$80.00	\$1,200.00
141	INSTALL SIGN (MAST-ARM HANGER)	9	\$250.00	EA	\$2,250.00	\$346.00	\$3,114.00	\$240.00	\$2,160.00	\$255.00	\$2,295.00	\$400.00	\$3,600.00
142	RELOCATE SIGN	12	\$150.00	EA	\$1,800.00	\$85.00	\$1,020.00	\$107.00	\$1,284.00	\$140.00	\$1,680.00	\$140.00	\$1,680.00
143	REMOVE SIGN	4	\$150.00	EA	\$600.00	\$32.00	\$128.00	\$44.00	\$176.00	\$28.00	\$112.00	\$48.00	\$192.00
144	REMOVE SIGN POST	2	\$150.00	EA	\$300.00	\$50.00	\$100.00	\$126.00	\$252.00	\$55.00	\$110.00	\$73.00	\$146.00
Unit Price Total					\$1,504,067.00	\$1,317,835.00	\$1,458,984.67	\$1,464,948.70	\$1,477,008.80				
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00	\$0.00	\$0.00	\$50,000.00			
(4) LSBE Adjusted Amount							\$1,317,835.00	\$1,458,984.67	\$1,464,948.70	\$1,427,008.80			
Comments					APPARENT LOW BIDDER								



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate					(5) MSL Electric, Inc.		(6) Minco Construction						
(1) Preliminary Bid Amount					\$1,494,272.00		\$1,742,201.00						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONCRETE REMOVAL (NON-REINFORCED)	50	\$300.00	CY	\$15,000.00	\$260.00	\$13,000.00	\$200.00	\$10,000.00				
2	UNCLASSIFIED EXCAVATION	24	\$300.00	CY	\$7,200.00	\$374.00	\$8,976.00	\$100.00	\$2,400.00				
3	CRUSHED MISCELLANEOUS BASE	24	\$300.00	CY	\$7,200.00	\$305.00	\$7,320.00	\$100.00	\$2,400.00				
4	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	15	\$500.00	CY	\$7,500.00	\$250.00	\$3,750.00	\$500.00	\$7,500.00				
5	AC PAVEMENT(PATCH BACK)	8	\$1,000.00	TON	\$8,000.00	\$909.00	\$7,272.00	\$300.00	\$2,400.00				
6	PCC PAVEMENT	14	\$800.00	CY	\$11,200.00	\$443.00	\$6,202.00	\$500.00	\$7,000.00				
7	PCC CURB & GUTTER, TYPE A2-VAR	286	\$50.00	LF	\$14,300.00	\$29.00	\$8,294.00	\$50.00	\$14,300.00				
8	PCC CURB & GUTTER, TYPE A3-VAR	163	\$50.00	LF	\$8,150.00	\$29.00	\$4,727.00	\$50.00	\$8,150.00				
9	PCC CURB & GUTTER TYPE B-1	20	\$50.00	LF	\$1,000.00	\$29.00	\$580.00	\$100.00	\$2,000.00				
10	PCC WALK & CURB RAMPS, 4" THICK	2206	\$20.00	SF	\$44,120.00	\$8.00	\$17,648.00	\$20.00	\$44,120.00				
11	DETECTABLE WARNING SURFACE	298	\$50.00	SF	\$14,900.00	\$58.00	\$17,284.00	\$20.00	\$5,960.00				
12	1-1/2" CONDUIT (SCH 80 PVC)	72	\$60.00	LF	\$4,320.00	\$40.00	\$2,880.00	\$30.00	\$2,160.00				
13	2" CONDUIT (SCH 80 PVC)	1683	\$45.00	LF	\$75,735.00	\$44.00	\$74,052.00	\$35.00	\$58,905.00				
14	3" CONDUIT (SCH 80 PVC)	1907	\$50.00	LF	\$95,350.00	\$88.00	\$167,816.00	\$40.00	\$76,280.00				
15	INTERCEPT & JOIN EXISTING CONDUIT	2	\$150.00	EA	\$300.00	\$6,280.00	\$12,560.00	\$2,000.00	\$4,000.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate					(5) MSL Electric, Inc.		(6) Minco Construction						
(1) Preliminary Bid Amount					\$1,494,272.00		\$1,742,201.00						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
16	JOIN AND EXTEND EXISTING CONDUIT	75	\$60.00	LF	\$4,500.00	\$50.00	\$3,750.00	\$50.00	\$3,750.00				
17	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	1600	\$8.50	LF	\$13,600.00	\$7.50	\$12,000.00	\$10.00	\$16,000.00				
18	2-PAIR DETECTOR LEAD-IN CABLE	14285	\$3.00	LF	\$42,855.00	\$0.80	\$11,428.00	\$4.00	\$57,140.00				
19	3-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	7813	\$2.00	LF	\$15,626.00	\$2.00	\$15,626.00	\$4.00	\$31,252.00				
20	5-CONDUCTOR SIGNAL CABLE (EXCLUDING CONDUIT)	1667	\$4.00	LF	\$6,668.00	\$3.00	\$5,001.00	\$5.00	\$8,335.00				
21	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	8487	\$5.00	LF	\$42,435.00	\$5.00	\$42,435.00	\$7.00	\$59,409.00				
22	#6 WIRE	100	\$1.50	LF	\$150.00	\$2.00	\$200.00	\$10.00	\$1,000.00				
23	#10 WIRE (HPSV)	8860	\$1.00	LF	\$8,860.00	\$0.65	\$5,759.00	\$3.00	\$26,580.00				
24	#12 WIRE	5700	\$1.00	LF	\$5,700.00	\$0.60	\$3,420.00	\$2.00	\$11,400.00				
25	NO. 5 PULL BOX INCL PCC COVER	13	\$600.00	EA	\$7,800.00	\$300.00	\$3,900.00	\$400.00	\$5,200.00				
26	NO. 6 PULL BOX INCL PCC COVER	50	\$650.00	EA	\$32,500.00	\$570.00	\$28,500.00	\$500.00	\$25,000.00				
27	REMOVE TYPE M CABINET (COMPLETE)	2	\$400.00	EA	\$800.00	\$300.00	\$600.00	\$1,000.00	\$2,000.00				
28	REMOVE TYPE M CABINET FOUNDATION	1	\$500.00	EA	\$500.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00				
29	REMOVE PED PUSH BUTTON POST (COMPLETE)	11	\$400.00	EA	\$4,400.00	\$50.00	\$550.00	\$300.00	\$3,300.00				
30	REMOVE TYPE 1 STANDARD (COMPLETE) (EXCL. FOUND.)	5	\$500.00	EA	\$2,500.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00				
31	REMOVE TYPE 1-A STANDARD (COMPLETE) (EXCL FOUND)	4	\$500.00	EA	\$2,000.00	\$200.00	\$800.00	\$1,000.00	\$4,000.00				
32	REMOVE TYPE 1-C STANDARD (COMPLETE) (EXCL FOUND)	1	\$500.00	EA	\$500.00	\$200.00	\$200.00	\$3,000.00	\$3,000.00				
33	REMOVE TYPE 3 STANDARD (COMPLETE) (EXCL. FOUND.)	11	\$800.00	EA	\$8,800.00	\$400.00	\$4,400.00	\$500.00	\$5,500.00				
34	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$600.00	EA	\$600.00	\$400.00	\$400.00	\$2,000.00	\$2,000.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(5) MSL Electric, Inc.		(6) Minco Construction					
(1) Preliminary Bid Amount						\$1,494,272.00		\$1,742,201.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
35	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	4	\$800.00	EA	\$3,200.00	\$800.00	\$3,200.00	\$2,000.00	\$8,000.00				
36	REMOVE TYPE 24 STANDARD (COMPLETE) (EXCL. FOUND.)	5	\$1,200.00	EA	\$6,000.00	\$1,200.00	\$6,000.00	\$2,000.00	\$10,000.00				
37	REMOVE PPB POST FOUNDATION	12	\$600.00	EA	\$7,200.00	\$100.00	\$1,200.00	\$200.00	\$2,400.00				
38	REMOVE TYPE 1 FOUNDATION	5	\$800.00	EA	\$4,000.00	\$400.00	\$2,000.00	\$1,000.00	\$5,000.00				
39	REMOVE TYPE 1-A FOUNDATION	4	\$775.00	EA	\$3,100.00	\$400.00	\$1,600.00	\$1,000.00	\$4,000.00				
40	REMOVE TYPE 1-C FOUNDATION	1	\$800.00	EA	\$800.00	\$400.00	\$400.00	\$2,000.00	\$2,000.00				
41	REMOVE TYPE 3 FOUNDATION	11	\$1,000.00	EA	\$11,000.00	\$800.00	\$8,800.00	\$2,500.00	\$27,500.00				
42	REMOVE TYPE 15 FOUNDATION	1	\$1,000.00	EA	\$1,000.00	\$800.00	\$800.00	\$3,000.00	\$3,000.00				
43	REMOVE TYPE 17 FOUNDATION	4	\$1,000.00	EA	\$4,000.00	\$1,200.00	\$4,800.00	\$3,000.00	\$12,000.00				
44	REMOVE TYPE 24 FOUNDATION	5	\$1,200.00	EA	\$6,000.00	\$1,400.00	\$7,000.00	\$4,000.00	\$20,000.00				
45	REMOVE STREET LIGHT POLE AND FOUNDATION	2	\$3,000.00	EA	\$6,000.00	\$1,500.00	\$3,000.00	\$3,000.00	\$6,000.00				
46	REMOVE VEHICLE HEAD (COMPLETE)	17	\$150.00	EA	\$2,550.00	\$100.00	\$1,700.00	\$250.00	\$4,250.00				
47	REMOVE PEDESTRIAN HEAD (COMPLETE)	25	\$150.00	EA	\$3,750.00	\$50.00	\$1,250.00	\$100.00	\$2,500.00				
48	REMOVE PEDESTRIAN PUSH BUTTON	19	\$60.00	EA	\$1,140.00	\$25.00	\$475.00	\$100.00	\$1,900.00				
49	REMOVE PED PUSH BUTTON AND PLUG HOLE	2	\$250.00	EA	\$500.00	\$50.00	\$100.00	\$100.00	\$200.00				
50	REMOVE RADIO CORRECTED TIME BASE UNIT	1	\$500.00	EA	\$500.00	\$50.00	\$50.00	\$100.00	\$100.00				
51	REMOVE RCTB ANTENNA AND CABLE	2	\$350.00	EA	\$700.00	\$150.00	\$300.00	\$250.00	\$500.00				
52	REMOVE INTERNAL ILLUMINATED STREET NAME SIGN	2	\$250.00	EA	\$500.00	\$100.00	\$200.00	\$1,000.00	\$2,000.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(5) MSL Electric, Inc.		(6) Minco Construction					
(1) Preliminary Bid Amount						\$1,494,272.00		\$1,742,201.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
53	REMOVE STREET LIGHT FROM EXISTING POWER POLE	2	\$800.00	EA	\$1,600.00	\$2,500.00	\$5,000.00	\$500.00	\$1,000.00				
54	REMOVE WIRING	1	\$5,600.00	LS	\$5,600.00	\$800.00	\$800.00	\$10,000.00	\$10,000.00				
55	RELOCATE CONTROLLER	2	\$1,100.00	EA	\$2,200.00	\$1,100.00	\$2,200.00	\$3,500.00	\$7,000.00				
56	RELOCATE BBS TO NEW CABINET	1	\$1,000.00	EA	\$1,000.00	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00				
57	RELOCATE VIDEO DETECTION SYSTEM TO NEW CABINET	1	\$5,000.00	EA	\$5,000.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00				
58	RELOCATE ETHERWAN COMM SYSTEM	1	\$3,000.00	EA	\$3,000.00	\$400.00	\$400.00	\$2,000.00	\$2,000.00				
59	RELOCATE PEDESTRIAN PUSH BUTTON POST	1	\$500.00	EA	\$500.00	\$100.00	\$100.00	\$200.00	\$200.00				
60	RELOCATE ILLUMINATED STREET NAME SIGN	3	\$650.00	EA	\$1,950.00	\$100.00	\$300.00	\$1,000.00	\$3,000.00				
61	RELOCATE EV PREEMPTION UNIT	6	\$900.00	EA	\$5,400.00	\$450.00	\$2,700.00	\$750.00	\$4,500.00				
62	RELOCATE LUMINAIRE	7	\$300.00	EA	\$2,100.00	\$125.00	\$875.00	\$500.00	\$3,500.00				
63	RELOCATE SPRINKLER SYSTEM	1	\$1,000.00	LS	\$1,000.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00				
64	GPS UTB UNIT AND ANTENNA	3	\$1,600.00	EA	\$4,800.00	\$1,900.00	\$5,700.00	\$10,000.00	\$30,000.00				
65	SWITCH PACK	46	\$65.00	EA	\$2,990.00	\$325.00	\$14,950.00	\$4,500.00	\$207,000.00				
66	PED ISOLATION MODULE	3	\$200.00	EA	\$600.00	\$338.00	\$1,014.00	\$1,000.00	\$3,000.00				
67	2-CHANNEL ILD SENSOR UNIT	9	\$225.00	EA	\$2,025.00	\$375.00	\$3,375.00	\$500.00	\$4,500.00				
68	REWIRE CONTROLLER CABINET	1	\$1,000.00	EA	\$1,000.00	\$9,000.00	\$9,000.00	\$2,000.00	\$2,000.00				
69	TYPE P CABINET	2	\$20,000.00	EA	\$40,000.00	\$16,200.00	\$32,400.00	\$10,000.00	\$20,000.00				
70	TYPE P CABINET FOUNDATION	1	\$900.00	EA	\$900.00	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00				
71	INSTALL TYPE P CABINET ANCHOR BOLT ON EXISTING FOUNDATION	4	\$125.00	EA	\$500.00	\$150.00	\$600.00	\$500.00	\$2,000.00				
72	PEDESTRIAN PUSH BUTTON POST	3	\$400.00	EA	\$1,200.00	\$288.00	\$864.00	\$500.00	\$1,500.00				
73	TYPE 1 STANDARD	4	\$1,000.00	EA	\$4,000.00	\$670.00	\$2,680.00	\$2,000.00	\$8,000.00				
74	TYPE 15 STANDARD	11	\$2,600.00	EA	\$28,600.00	\$2,160.00	\$23,760.00	\$3,000.00	\$33,000.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate					(5) MSL Electric, Inc.		(6) Minco Construction						
(1) Preliminary Bid Amount					\$1,494,272.00		\$1,742,201.00						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
75	TYPE 15 STANDARD MODIFIED	2	\$3,000.00	EA	\$6,000.00	\$3,811.00	\$7,622.00	\$8,000.00	\$16,000.00				
76	TYPE 16 STANDARD	1	\$3,200.00	EA	\$3,200.00	\$3,120.00	\$3,120.00	\$8,000.00	\$8,000.00				
77	TYPE 19 STANDARD	3	\$3,500.00	EA	\$10,500.00	\$6,330.00	\$18,990.00	\$8,000.00	\$24,000.00				
78	TYPE 24 STANDARD	3	\$4,500.00	EA	\$13,500.00	\$7,014.00	\$21,042.00	\$8,000.00	\$24,000.00				
79	TYPE 24 STANDARD MODIFIED	2	\$4,500.00	EA	\$9,000.00	\$7,134.00	\$14,268.00	\$8,000.00	\$16,000.00				
80	TYPE 26 STANDARD	3	\$5,500.00	EA	\$16,500.00	\$6,984.00	\$20,952.00	\$9,000.00	\$27,000.00				
81	TYPE 26 STANDARD MODIFIED	4	\$5,500.00	EA	\$22,000.00	\$6,720.00	\$26,880.00	\$9,000.00	\$36,000.00				
82	TYPE 27 STANDARD	1	\$5,000.00	EA	\$5,000.00	\$5,760.00	\$5,760.00	\$9,000.00	\$9,000.00				
83	TYPE 29 STANDARD	5	\$7,000.00	EA	\$35,000.00	\$7,200.00	\$36,000.00	\$10,000.00	\$50,000.00				
84	TEMPORARY SIGNAL POLE WITHOUT MAST ARM	5	\$1,500.00	EA	\$7,500.00	\$1,600.00	\$8,000.00	\$1,000.00	\$5,000.00				
85	TEMPORARY SIGNAL POLE WITH MAST ARM	17	\$2,500.00	EA	\$42,500.00	\$2,600.00	\$44,200.00	\$1,500.00	\$25,500.00				
86	PEDESTRIAN PUSH BUTTON POST FOUNDATION	4	\$550.00	EA	\$2,200.00	\$300.00	\$1,200.00	\$500.00	\$2,000.00				
87	TYPE 1 STANDARD FOUNDATION	4	\$800.00	EA	\$3,200.00	\$500.00	\$2,000.00	\$1,500.00	\$6,000.00				
88	EXPANSION ANCHOR BOLT FOR TYPE I STANDARD	1	\$250.00	EA	\$250.00	\$300.00	\$300.00	\$200.00	\$200.00				
89	TYPE 15 STANDARD FOUNDATION	13	\$1,000.00	EA	\$13,000.00	\$2,900.00	\$37,700.00	\$2,000.00	\$26,000.00				
90	TYPE 16 STANDARD FOUNDATION	1	\$2,500.00	EA	\$2,500.00	\$3,100.00	\$3,100.00	\$3,000.00	\$3,000.00				
91	TYPE 19 STANDARD FOUNDATION	3	\$2,700.00	EA	\$8,100.00	\$3,200.00	\$9,600.00	\$3,000.00	\$9,000.00				
92	TYPE 24 STANDARD FOUNDATION	5	\$3,000.00	EA	\$15,000.00	\$4,400.00	\$22,000.00	\$3,000.00	\$15,000.00				
93	TYPE 26 STANDARD FOUNDATION	7	\$3,500.00	EA	\$24,500.00	\$4,800.00	\$33,600.00	\$3,000.00	\$21,000.00				
94	TYPE 27 STANDARD FOUNDATION	1	\$3,500.00	EA	\$3,500.00	\$4,800.00	\$4,800.00	\$4,500.00	\$4,500.00				
95	TYPE 29 STANDARD FOUNDATION	5	\$4,000.00	EA	\$20,000.00	\$4,800.00	\$24,000.00	\$4,500.00	\$22,500.00				
96	8' SIGNAL MAST ARM	2	\$1,000.00	EA	\$2,000.00	\$1,128.00	\$2,256.00	\$1,000.00	\$2,000.00				
97	15' SIGNAL MAST ARM	1	\$1,300.00	EA	\$1,300.00	\$1,530.00	\$1,530.00	\$2,000.00	\$2,000.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(5) MSL Electric, Inc.		(6) Minco Construction					
(1) Preliminary Bid Amount						\$1,494,272.00		\$1,742,201.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
98	25' SIGNAL MAST ARM	2	\$2,000.00	EA	\$4,000.00	\$2,040.00	\$4,080.00	\$3,000.00	\$6,000.00				
99	30' SIGNAL MAST ARM	1	\$2,075.00	EA	\$2,075.00	\$2,375.00	\$2,375.00	\$3,500.00	\$3,500.00				
100	30' SIGNAL MAST ARM MODIFIED	6	\$2,500.00	EA	\$15,000.00	\$2,478.00	\$14,868.00	\$3,000.00	\$18,000.00				
101	35' SIGNAL MAST ARM	2	\$2,100.00	EA	\$4,200.00	\$2,520.00	\$5,040.00	\$4,000.00	\$8,000.00				
102	35' SIGNAL MAST ARM MODIFIED	4	\$2,500.00	EA	\$10,000.00	\$2,568.00	\$10,272.00	\$3,500.00	\$14,000.00				
103	40' SIGNAL MAST ARM	1	\$3,000.00	EA	\$3,000.00	\$2,592.00	\$2,592.00	\$5,000.00	\$5,000.00				
104	45' SIGNAL MAST ARM MODIFIED	5	\$3,200.00	EA	\$16,000.00	\$2,960.00	\$14,800.00	\$6,000.00	\$30,000.00				
105	8' LUMINAIRE MAST ARM	5	\$450.00	EA	\$2,250.00	\$245.00	\$1,225.00	\$1,000.00	\$5,000.00				
106	8' LUMINAIRE MAST ARM - STRAIGHT	1	\$500.00	EA	\$500.00	\$234.00	\$234.00	\$1,000.00	\$1,000.00				
107	12' LUMINAIRE MAST ARM	20	\$600.00	EA	\$12,000.00	\$427.00	\$8,540.00	\$1,000.00	\$20,000.00				
108	12' LUMINAIRE MAST ARM - STRAIGHT	9	\$600.00	EA	\$5,400.00	\$366.00	\$3,294.00	\$1,000.00	\$9,000.00				
109	PEDESTRIAN PUSH BUTTON	62	\$175.00	EA	\$10,850.00	\$160.00	\$9,920.00	\$200.00	\$12,400.00				
110	PEDESTRIAN PUSH BUTTON PLATE	53	\$25.00	EA	\$1,325.00	\$12.00	\$636.00	\$100.00	\$5,300.00				
111	ILLUMINATED STREET NAME SIGN	11	\$1,000.00	EA	\$11,000.00	\$2,465.00	\$27,115.00	\$1,000.00	\$11,000.00				
112	DOUBLE FACE RETROREFLECTIVE STREET NAME SIGN	13	\$850.00	EA	\$11,050.00	\$1,146.00	\$14,898.00	\$1,000.00	\$13,000.00				
113	3-12" LED VEHICLE HEAD (COMPLETE)	92	\$950.00	EA	\$87,400.00	\$732.00	\$67,344.00	\$900.00	\$82,800.00				
114	4-12" LED VEHICLE HEAD (COMPLETE)	4	\$1,100.00	EA	\$4,400.00	\$865.00	\$3,460.00	\$900.00	\$3,600.00				
115	5-12" LED VEHICLE HEAD (COMPLETE)	15	\$1,200.00	EA	\$18,000.00	\$990.00	\$14,850.00	\$1,000.00	\$15,000.00				
116	LED COUNTDOWN PED HEAD (COMPLETE)	58	\$800.00	EA	\$46,400.00	\$594.00	\$34,452.00	\$500.00	\$29,000.00				
117	63W LED LUMINAIRE	6	\$350.00	EA	\$2,100.00	\$766.00	\$4,596.00	\$800.00	\$4,800.00				
118	85W INDUCTION LUMINAIRE	1	\$700.00	EA	\$700.00	\$1,330.00	\$1,330.00	\$1,000.00	\$1,000.00				
119	131W LED LUMINAIRE	21	\$400.00	EA	\$8,400.00	\$882.00	\$18,522.00	\$1,000.00	\$21,000.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate					(5) MSL Electric, Inc.		(6) Minco Construction						
(1) Preliminary Bid Amount					\$1,494,272.00		\$1,742,201.00						
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
120	2-CAMERA VIDEO DETECTION SYSTEM WITH 17" LCD MONITOR (COMPLETE)	2	\$30,000.00	EA	\$60,000.00	\$19,000.00	\$38,000.00	\$18,000.00	\$36,000.00				
121	4-CAMERA VIDEO DETECTION SYSTEM WITH 17" LCD MONITOR (COMPLETE)	3	\$35,000.00	EA	\$105,000.00	\$38,000.00	\$114,000.00	\$20,000.00	\$60,000.00				
122	PLATE HOLE TO SMOOTH FINISH	20	\$250.00	EA	\$5,000.00	\$400.00	\$8,000.00	\$250.00	\$5,000.00				
123	REMOVE PULL BOX	15	\$500.00	EA	\$7,500.00	\$75.00	\$1,125.00	\$300.00	\$4,500.00				
124	SHIELD HIGH VOLTAGE WIRE FOR REMOVAL OF EXISTING POLE	8	\$6,000.00	EA	\$48,000.00	\$3,800.00	\$30,400.00	\$300.00	\$2,400.00				
125	SALVAGE EQUIPMENT	1	\$9,000.00	LS	\$9,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00				
126	DETAIL 22 (THERMOPLASTIC)	232	\$8.00	LF	\$1,856.00	\$3.00	\$696.00	\$10.00	\$2,320.00				
127	DETAIL 38 (THERMOPLASTIC)	120	\$10.00	LF	\$1,200.00	\$2.90	\$348.00	\$10.00	\$1,200.00				
128	4" STRIPING (THERMOPLASTIC)	20	\$8.00	LF	\$160.00	\$2.00	\$40.00	\$10.00	\$200.00				
129	12" STRIPING (TWO-COAT PAINT)	52	\$3.50	LF	\$182.00	\$4.00	\$208.00	\$10.00	\$520.00				
130	12" STRIPING (THERMOPLASTIC)	1037	\$10.00	LF	\$10,370.00	\$4.00	\$4,148.00	\$10.00	\$10,370.00				
131	CURB MARKINGS (ONE-COAT PAINT)	265	\$3.00	LF	\$795.00	\$5.00	\$1,325.00	\$10.00	\$2,650.00				
132	REMOVE DETAIL 38A	5	\$10.00	LF	\$50.00	\$17.00	\$85.00	\$100.00	\$500.00				
133	REMOVE DETAIL 38 (PAINT)	5	\$10.00	LF	\$50.00	\$17.00	\$85.00	\$100.00	\$500.00				
134	REMOVE 4" STRIPING (PAINT)	10	\$10.00	LF	\$100.00	\$18.00	\$180.00	\$100.00	\$1,000.00				
135	REMOVE 12" STRIPING (PAINT)	195	\$6.00	LF	\$1,170.00	\$8.00	\$1,560.00	\$10.00	\$1,950.00				
136	REMOVE DETAIL 22 (THERMOPLASTIC)	160	\$10.00	LF	\$1,600.00	\$3.75	\$600.00	\$10.00	\$1,600.00				
137	REMOVE 12" STRIPING (THERMOPLASTIC)	660	\$6.00	LF	\$3,960.00	\$7.50	\$4,950.00	\$10.00	\$6,600.00				
138	SIGN PANEL	24	\$150.00	EA	\$3,600.00	\$104.00	\$2,496.00	\$500.00	\$12,000.00				
139	SIGN POST (ROADSIDE SIGN)	8	\$250.00	EA	\$2,000.00	\$132.25	\$1,058.00	\$500.00	\$4,000.00				
140	INSTALL SIGN (STRAP AND SADDLE BRACKET)	15	\$150.00	EA	\$2,250.00	\$92.00	\$1,380.00	\$500.00	\$7,500.00				

Project Name: Crenshaw Boulevard
Project ID: TSM0010189
Bids Opened: 11/17/2015
Office Engineer: Joel Zaragoza 626-458-4973

Addenda: 1
Duration: 100 Working Day(s)

Engineer's Estimate						(5) MSL Electric, Inc.		(6) Minco Construction					
(1) Preliminary Bid Amount						\$1,494,272.00		\$1,742,201.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
141	INSTALL SIGN (MAST-ARM HANGER)	9	\$250.00	EA	\$2,250.00	\$150.00	\$1,350.00	\$1,000.00	\$9,000.00				
142	RELOCATE SIGN	12	\$150.00	EA	\$1,800.00	\$92.00	\$1,104.00	\$500.00	\$6,000.00				
143	REMOVE SIGN	4	\$150.00	EA	\$600.00	\$35.00	\$140.00	\$100.00	\$400.00				
144	REMOVE SIGN POST	2	\$150.00	EA	\$300.00	\$54.00	\$108.00	\$200.00	\$400.00				
Unit Price Total					\$1,504,067.00	\$1,494,272.00		\$1,839,701.00					
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00		\$0.00				
(4) LSBE Adjusted Amount							\$1,494,272.00		\$1,839,701.00				
Comments													